Please	type a	plus sign (ebiani (+)	this box	→	i
--------	--------	-------------	------------	----------	---	---

-)	
at-	
0)	
31	

Piease type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0551-0/31

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

			_	•
heet	1	of	2	

	Complete if Known
Application Number	
Filing Date	

First Named Inventor Vladimir Jovancicevic Group Art Unit

Examiner Name

Attorney Docket Number 194-26903-US

				U.S. PATENT DOCL	JMENTS		S
Examine Initials	Cite No.1	U.S. Patent Number	Nind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columna, Unes, Where Relevant Passages or Relevant Figures Appear	050
K X	W	3,361,213		Savins	01-02-1968		=
200	<i>i</i> , X,	4,927,669		Knox, et al.	05-22-1990		
POX	74	5,385,616		Dougherty, et al.	01-31-1995		
77	M	5,582,792		Dougherty, et al.	12-10-1996		
	1.						
	1						
<u> </u>							
				0.2 (
					T.		
	† ·						

				FORE	IGN PATENT DOCUMENT	rs		
Éxaminer	Cite	F	oreign Patent Doc		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials	No.1	Office ³	Number ⁴	Kind Code ^a (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Τe
								₩
								
					····			┿
			· · · · · · · · · · · · · · · · · · ·			ļ		+
						<u> </u>		₩
						<u> </u>		

	M	ΔΙ	<u> </u>		<u> </u>					
Examiner Signature	K	<u>U</u>	lı/	1,(Date Considered	1	1 - (0	2004

*EXAMINER: Initial if reference considered, whether of not obtation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents) the indication of the year of the reign of the Emperor must precede the sertal number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English tanguage Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type	e plus sign	(+) inside	this box	-	l∔Ι

PTC/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid CMB control number.

U. S. Patent and Trademark Office: U.S. DEPAR IMENT OF COMMERC.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

			SO, IID DEISONS AIR PROGRAM TO THE	Complete if Known				
	itute for form 14			Application Number				
INF	ORMA	TION I	DISCLOSURE	Filing Date				
	-		Y APPLICANT	First Named Inventor	Vladimir Jovancicevic			
317	- I FIAIF	.141 0	I WI I PIGWIII	Group Art Unit				
	(use as	many she	ets as necessary)	Examiner Name				
Sheet	T2		of 2	Attorney Docket Number	194-26903-US			
~ut	i	1 -	· -		.1	-		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initiats	Cita No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	72
Ju		J. G. Savins, "Contrasts in the Solution Drag Reduction Characteristics of Polymeric Solutions and Micellar Systems," in C. S. Wells, ed., Viscous Drag Reduction, Plenum Press, New York, 1969, pp. 183-212.	
DU		WM. Kulicke, et al., "Drag Reduction with Special Emphasis on Homogeneous Polymer Solutions," Advances in Polymer Science, Vol. 89, 1989, pp. 1-68.	
	μ	Y. Hu, et al., "Rheological and Rheo-optical Characterization of Shear-induced Structure Formation in a Nonionic Drag-Reducing Surfactant Solution," J. Rheol., Vol. 41, No. 1, Jan / Feb. 1997, pp. 151-166.	
101	h	A. Salern, et al., "The Effects of Heterogeneous Drag Reducing Surfactant in Drag and Heat Transfer Reduction in Crude Oil Systems," Chem. Eng. Comm. Vol. 168, 1998, pp. 229-242.	
	l	J. L. Zakin, et al., "Surfactant Drag Reduction," Reviews in Chemical Engineering, Vol. 14, Nos. 4-5, 1998, pp. 253-320.	
			
			T
			Ī
			T
a*			\downarrow
			1
Examine	r (Date Considered 5 Amu 20	X

*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Please type a	plus sign (+) inside th	J	+
			1 .

PTO/SB/088 (08-00)

Append for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO JAN 0 3 2002

Sheet

TRADEMARKO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) of 1

Complete if Known					
Application Number	09/944,837				
Filing Date	08-30-2001				
First Named Inventor	Vladimir Jovancicevic				
Group Art Unit	1764				
Examiner Name					
Attorney Docket Number	194-26903-US				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
DL	ll	Ying-Hsiao Li, et al., "Laboratory Tests and Field Implementation of Gas-Drag-Reduction Chemicals," SPE Production & Facilities, February 1998, pp. 53-58.	
		RECEIVED	
		TC 1700	
	-	1C 1700	
<u></u>			
·			
Examine Signatur		Date Considered 4-6-20	OH

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next pommunication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.